"EXPRESS MAIL" mailing label number EV 333308058 US	. I hereby certify that the accompanying	Application is being deposited with the United
States Postal Service "Express Mail Post Office to Addressee" service under 37	7 § CFR 1.10 on the above-mentioned of	late and is addressed to the Assistant
Commissioner of Patents, Box New Applications, Washington, DC 20231.	A llm	1/23/101

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. TIJ-35682

TRANSMITTAL	Title Charge Pump Type DC/DC Converter							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.		l Label i					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con	ADDRESS TO			Assistant Commissioner for Patents Box Patent Application Washington, DC 20231				
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			7.	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)				
2 Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
3. Specification Total Pages (preferred arrangement set forth below)	30]		a. Computer Readable Form (CRF)				
- Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies								
Detailed Description Claim(s)			ACCOMPANYING APPLICATION PARTS					
- Abstract of the Disclosure			9.	Assignment Papers (cover sheet & documents(s))				
4. X Drawing(s) (35 U.S.C. 113) Total Sheets	11] l	10.	37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney				
5. Oath or Declaration Total Pages	2	1	11.	English Translation Document (if applicable)				
a. Newly Executed (original or copy)			12.	Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations				
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 complete	ed)		13.	X Preliminary Amendment				
i. <u>DELETION OF INVENTOR(S)</u>			14.	X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
c. X Unexecuted Declaration	1.63(d)(2) and 1.33(b). C. X Unexecuted Declaration			Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76	17. Other:							
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a								
portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS								
	r Number or Bar Code Label 23494 (Insert Customer No. or Attach bar code label here) or Correspondence address below							
NAME Texas Instruments Incorporated								
ADDRESS Patent Activity								
COUNTRY STATE COUNTRY TELEPHONE	STATE ZIP CODE TELEPHONE (972)917-5452 FAX (972) 917-4418							
Name (Print/Type) William By Kempler Registration No. (Attorney/Agent) 28,228								
Signature								

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete If Known Application Number TBD 01/23/2004 Filing Date First Named Inventor Yasunori Muramatsu Not Assigned **Examiner Name** TBD **Group Art Unit** TIJ-35682

Express Mailing Label No.:

TOTAL AMOUNT OF PATIMENT (\$) 170.00		Allome	y Doc	KEL NO.	110-03002		
METHOD OF PAYMENT	FEE CALCU		ALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3.	ADDIT	IONAL	FEES			
		Large Entity		Small Entity			
Deposit Account Number	Fee Code	Fee (\$)	Fee Code	F ee (\$)	Fee Description	Fee Paid	
Deposit	1051	130	205	65	Surcharge - late filing fee of oath		
Account Name Texas Instruments Incorporated	1052	50	227	25	Surcharge - late provisional filing fee or cover sheet		
	1053	130	139	130	Non-English specification	1	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	1812	2,520	147	2,520	For filing a request for ex parte reexamination		
Applicant claims small entity status. See 37 CFR 1.27	1804	920*	112	920*	Requesting publication of SIR prior to Examiner action		
2. Payment Enclosed:	1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
Check Credit Money Other card Order	1251	110	215	55	Extension for reply within first month		
	1252	400	216	195	Extension for reply within second month		
FEE CALCULATION	1253	920	217	445	Extension for reply within third month		
1. BASIC FILING FEE	1254	1,440	218	695	Extension for reply within fourth		
Large Entity Small Entity Fee Fee Fee Fee Description	1255	1,960	228	945	month Extension for reply within fifth month		
Code (\$) Code (\$) Fee Paid	1401	320	219	155	Notice of Appeal		
1001 740 201 355 Utility filing fee \$770	1402	320	220	155	Filing a brief in support of an appeal		
1002 330 206 160 Design filing fee	1403	280	221	135	Request for oral hearing		
1003 510 207 245 Plant filing fee	1451	1,510	138	1,510	Petition to institute a public use proceeding		
1004 740 208 355 Reissue filing fee	1452	110	240	55	Petition to revive - unavoidable		
1005 160 214 75 Provisional filing fee	1453	1,280	241	620	Petition to revive - unintentional		
SUBTOTAL (1) (\$)	1501	1,330	242	620	Utility issue fee (or reissue)		
2. EXTRA CLAIM FEES	1502	460	243	220	Design issue fee		
Fee from Extra Claims below Fee Paid	1503	620	244	300	Plant issue fee		
Total Claims 20 -20**= X x 18 =	1460	130	122	130	Petitions to the Commissioner		
Independent 1 -3** = X x 86 =	1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q)		
Multiple Dependent 270 =	1806	180	126	180	Submission of information Disclosure Stmt		
	8021	40	581	40	Recording each patent assignment per property (times no. of properties)		
Large Entity Smal Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))		
1202 18 203 9 Claims in excess of 20	1810	740	249	355	For each additional invention to be		
1201 84 202 40 Independent claims in excess of 3 1203 280 204 135 Multiple dependent claim, if not paid	1801	740	279	355	examined (37 CFR §1.129(b)) Request for Continued Examination		
1204 84 209 40 **Reissue independent claims over original patent	1802	900	169	900	(RCE) Request for expedited examination of a design application		
1205 18 210 9 **Reissue claims in excess of 20 and over original patent	Other f	ee (specify))		а осыун аррисация		
SUBTOTAL (2) (\$)							
·, ··or number previously paid, if greater, For Reissue, see above	*Reduc	ced by Basi	c Filing F	ee Paid	SUBTOTAL (3) (\$)	
SUBMITTED BY	_				Complete (if appl		
Name (PrintType) William/B. Kempiler	-	R	egistratio Attorney/A	n No.		2) 917-5254	
Signature	NI	0		•		22/00	

Date

WARNING: Information on the form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chrief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231